The Power of the Laboratory

At the Point of Need

gazelle™

A novel diagnostic for **Sickle Cell Disease**

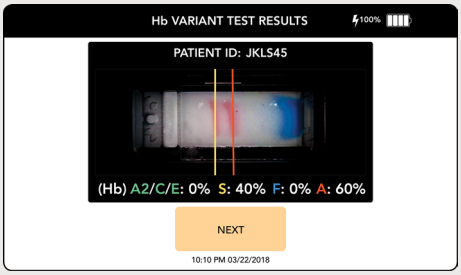
Gazelle's Microchip Electrophoresis provides affordable, convenient testing for infants, patients, and marriage-age adults in at-risk population groups.

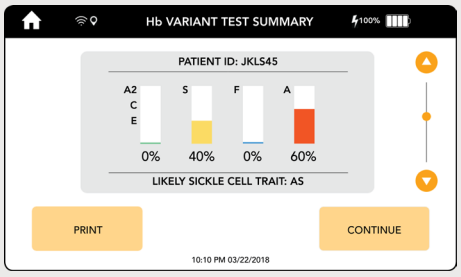
Identification, Quantification, and Interpretation of Hemoglobin Types

Identifies hemoglobin A, F, S, and C/E/A2. Interprets the results to identify Disease (SCD-SS, SCD-SC or SCD-SE, SCD-Sβ0/+, CC/EE and some β-thalassemia variants), Trait (AS, AC/E), and Normal (AA) phenotypes.

Automated Interpretation of Electrophoresis

Gazelle steps you through preparation of the sample, then automatically analyzes the sample for hemoglobin traits and quantities. Results are displayed onscreen. Total time for sample preparation and analysis is under 10 minutes.





Delivers Results Comparable to High-End Laboratory Tests

Combined results from studies* show Hemex accuracy compared with HPLC to be 98%. A comparison of hemoglobin type quantification by Hemex and HPLC shows a 92% correlation with HPLC.

**(Cleveland, Ohio; Kano, Nigeria; Bangkok, Thailand; Jabalpur, India)*

Compact, Battery-Powered Reader Works Anywhere...

In labs or remote clinics, in challenging environments where the technology is most needed. Reader and cartridges are heat and moisture resistant.

Digital Connectivity for Reduced Transcription Errors and Greater Access

Gazelle stores 1000 Hb variant tests, along with patient data and GPS location. Results can be printed or uploaded to the Hemex cloud to allow access by clinician or lab.

Platform also supports a sensitive, one-minute malaria test.

Powerful, Fast, Affordable, Compact

Hemex Health

Creating affordable, life-changing medical diagnostics for under-served people everywhere

p.white@hemexhealth.com
www.HemexHealth.com

GZL-S10-MKG-0005 Rev 1 2019-05-03
Regulatory clearance pending